



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>IN RE APPLICATION OF:</b> <b>Luc deBoer</b>  SERIAL NO. 10/622,025  FILED: 07/17/2003  TITLE: SYSTEM FOR DRILLING OIL AND GAS WELLS BY VARYING THE DENSITY OF DRILLING FLUIDS TO ACHIEVE NEAR- BALANCED, UNDERBALANCED, OR OVERBALANCED DRILLING CONDITIONS	<b>ATTY DKT NO. 122462.0002.005</b>  GROUP ART UNIT: 3672  EXAMINER: Collins, G.
<b>TO: Box Response/FEE</b> <b>Commissioner for Patents</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	

**RESPONSE TO OFFICE ACTION**  
**MAILED AUGUST 23, 2005**

**Sir:**

In response to the Office Action mailed August 23, 2005, please enter the following amendments:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.